500.35360CX2 / 219600689US03 / E3190-05ES Page 2

ICHIFUJI et al., SN 10/773,307 10 March 2006 Amendment Responsive to 26 January 2006 Office Action

IN THE CLAIMS:

1.-11. (Cancelled)

12. (Currently Amended) A digital receiver to effect display of at least one of video program or character information of programs, comprising:

a receiver <u>provided in the digital receiver</u>, which receives video program and program information including a title and time information of a video program;

a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;

an information decoder <u>provided in the digital receiver</u>, which decodes the received program information;

a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller provided in the digital receiver, which compares whether a number of characters in the character information of the particular program is larger than a number of characters which can be displayed in a first prescribed zone indicative of a prescribed time period, and which omits a part of a character information extracted from the program information when a the number of characters in the character information of the particular program is larger than a the number of characters which can be displayed in a the first prescribed zone indicative of a the prescribed time period attached to a last tail part of the menu;

500.35360CX2 / 219600689US03 / E3190-05ES Page 3

a full display controller <u>provided in the digital receiver</u>, to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller.

13. (Currently Amended) A digital receiver according to Claim 12, comprising:

a multiplexer <u>provided in the digital receiver</u>, which multiplexes the decoded video program and the character information of programs.

- 14. (Previously Presented) A digital receiver according to Claim 12, wherein the omission display controller adds an omission symbol to a remaining part of the character information of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.
- 15. (Currently Amended) A digital receiver to effect display of at least one of video program or character information of programs, comprising:

a receiver <u>provided in the digital receiver</u>, which receives video program and program information including a title and time information of a video program;

a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;

500.35360CX2 / 219600689US03 / E3190-05ES Page 4

an Information decoder provided in the digital receiver, which decodes the received program information;

a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

whether a data amount of characters in the character information of the particular program is larger than a data amount of characters which can be displayed in a first prescribed zone indicative of a prescribed time period, and which omits a part of a character information extracted from the program information when a the data amount of characters in the character information of the particular program is larger than a the data amount of characters in the characters in the characters which can be displayed in a the first prescribed zone indicative of a the prescribed time period;

a full display controller <u>provided in the digital receiver</u>, to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller.

16. (Previously Presented) A digital receiver according to Claim 15, wherein the omission display controller has a comparator to compare the decoded character data amount with data amount which can be displayed in the first prescribed zone.

500.35360CX2 / 219600689US03 / E3190-05ES Page 5

17. (Currently Amended) A digital receiver according to Claim 15, comprising:

a multiplexer <u>provided in the digital receiver</u>, which multiplexes the decoded video program and the character information of programs.

- 18. (Previously Presented) A digital receiver according to Claim 15, wherein the omission display controller adds an omission symbol to a remaining part of the character information of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.
- 19. (Currently Amended) A digital receiver to effect display of at least one of video or a plurality of background information blocks each indicative of a program time period, comprising:
- a receiver <u>provided</u> in the <u>digital receiver</u>, which receives video program and program information including a title and time information of a video program;
- a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;
- an Information decoder <u>provided in the digital receiver</u>, which decodes the received program information;
- a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;
- a display change controller <u>provided in the digital receiver</u>, which changes a displayed shape of a particular background information block indicative of a program

500.35360CX2 / 219600689US03 / E3190-05ES Page 6

time period in the grid when the program time period Indicated by the particular background information block exceeds a program time period which is displayed in a first prescribed zone;

a full display controller <u>provided in the digital receiver</u>, to control display, in a second perscribed zone, of a program start time and a program end time of a program of a selected background information block whose background information block is changed in shape in the first prescribed zone by the display change controller, wherein the full display controller controlling display of the program start time and program end time to occur concurrently together with the selected background information block on a same display whenever the selected background information block is selected; and

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the display change controller and the full display controller.

- 20. (Previously Presented) A digital receiver according to Claim 19, wherein the display change controller has a comparator to compare the time information of a program with a time band to be displayed in the first prescribed zone.
- 21. (Currently Amended) A digital receiver according to Claim 19, comprising:

a multiplexer <u>provided in the digital receiver</u>, which multiplexes the decoded video program and the character information of programs.

500.35360CX2 / 219600689US03 / E3190-05ES Page 7

22. (Currently Amended) A system comprising:

a digital receiver to effect display of at least one of video program or character information of programs, including:

a receiver <u>provided in the digital receiver</u>, which receives video program and program information including a title and time information of a video program;

a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;

an Information decoder <u>provided in the digital receiver</u>, which decodes the received program information;

a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller provided in the digital receiver.

which compares whether a number of characters in the character

information of the particular program is larger than a number of

characters which can be displayed in a first prescribed zone indicative

of a prescribed time period, and which omits a part of a character

information extracted from the program information when a the number

of characters in the character information of the particular program is

larger than a the number of characters which can be displayed in a the

first prescribed zone indicative of a the prescribed time period attached

to a last tail part of the menu;

500.35360CX2 / 219600689US03 / E3190-05ES Page 8

a full display controller <u>provided in the digital receiver</u>, to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller; and, a television display unit to receive an output from the video decoder and

programs.

23. (Currently Amended) A system according to Clalm 22, comprising:

outputter to display the at least one of video program or character Information of

a multiplexer <u>provided in the digital receiver</u>, which multiplexes the decoded video program and the character information of programs.

24. (Previously Presented) A system according to Claim 22, wherein the omission display controller adds an omission symbol to a remaining part of the character information of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.

500.35360CX2 / 219600689US03 / E3190-05ES Page 9

25. (Currently Amended) A system comprising:

a digital receiver to effect display of at least one of video program or character information of programs, including:

a receiver <u>provided in the digital receiver</u>, which receives video program and program information including a title and time information of a video program;

a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;

an information decoder provided in the digital receiver, which decodes the received program information;

a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller provided in the digital receiver, which compares whether a data amount of characters in the character information of the particular program is larger than a data amount of characters which can be displayed in a first prescribed zone indicative of a prescribed time period, and which omits a part of a character information extracted from the program information when a-the data amount of characters in the character information of the particular program is larger than a-the data amount of characters in the characters which can be displayed in a-the first prescribed zone indicative of a-the prescribed time period;

500.35360CX2 / 219600689US03 / E3190-05ES Page 10

a full display controller <u>provided in the digital receiver</u>, to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller; and,

a television display unit <u>provided in the digital receiver</u>, to receive an output from the video decoder and outputter to display the at least one of video program or character information of programs.

- 26. (Previously Presented) A system according to Claim 25, wherein the omission display controller has a comparator to compare the decoded character data amount with data amount which can be displayed in the first prescribed zone.
- 27. (Currently Amended) A system according to Claim 25, comprising: a multiplexer <u>provided in the digital receiver</u>, which multiplexes the decoded video program and the character information of programs.
- 28. (Previously Presented) A system according to Claim 25, wherein the omission display controller adds an omission symbol to a remaining part of the character information of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.

500.35360CX2 / 219600689US03 / E3190-05ES Page 11

29. (Currently Amended) A system comprising:

a digital receiver to effect display of at least one of video or a plurality of background information blocks each indicative of a program time period, including:

a receiver <u>provided in the digital receiver</u>, which receives video program and program information including a title and time information of a video program;

a video decoder <u>provided in the digital receiver</u>, which decodes the received video program;

an information decoder <u>provided in the digital receiver</u>, which decodes the received program information;

a menu-grid display controller <u>provided in the digital receiver</u>, to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

a display change controller <u>provided in the digital receiver</u>, which changes a displayed shape of a particular background information block indicative of a program time period in the grid when the program time period indicated by the particular background information block exceeds a program time period which is displayed in a first prescribed zone:

a full display controller <u>provided in the digital receiver</u>, to control display, in a second perscribed zone, of a program start time and a program end time of a program of a selected particular background information block whose background information block is changed in

500.35360CX2 / 219600689US03 / E3190-05ES Page 12

shape in the first prescribed zone by the display change controller, wherein the full display controller controlling display of the program start time and program end time to occur concurrently together with the selected particular background information block on a same display whenever the selected particular background information block is selected;

an outputter <u>provided in the digital receiver</u>, which outputs the character information generated by the menu-grid display controller, the display change controller and the full display controller: and,

a television display unit <u>provided in the digital receiver</u>, to receive an output from the video decoder and outputter to display the at least one of video program or character information of programs.

- 30. (Previously Presented) A system according to Claim 29, wherein the display change controller has a comparator to compare the time information of a program with a time band to be displayed in the first prescribed zone.
- 31. (Currently Amended) A system according to Claim 29, comprising; a multiplexer provided in the digital receiver, which multiplexes the decoded video program and the character information of programs.